Amendment to the Claims:

The claims under examination in this application, including their current status and changes made in this paper, are respectfully presented.

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1 (currently amended). A method of downloading a program to a data processor in a system, comprising:

providing the program in an executable file together with non-program information ~~indicative of a condition needed~~ comprised of at least one platform requirement for execution of the program;

retrieving the program and ~~condition~~ non-program information;

determining whether a data processor in the system satisfies the at least one platform requirement ~~condition information~~ for the retrieved program; and

responsive to the determining step, downloading the program to the data processor that satisfies ~~said condition~~ the platform requirement.

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2 (currently amended). The method of Claim 1, wherein the non-program information further comprises configuration information;

and further comprising:

configuring the data processor using ~~said condition~~ the configuration information.

3 (currently amended). The method of Claim 1, further comprising:

selecting the data processor from a plurality of data processors in the system, using ~~said condition information~~ the at least one platform requirement.

4 (currently amended). The method of Claim 1, wherein said providing step includes providing the program and the ~~condition~~ non-program information in a COFF executable file.

5 (currently amended). The method of Claim 1, wherein said providing step includes using a compiler/linker to combine a first file containing the ~~condition~~ non-program information with a second file containing the program.

6 (currently amended). The method of Claim 1, wherein said providing step includes providing the ~~condition~~ non-program information in a non-downloadable section of the executable file.

7 (canceled).

8 (canceled).

9 (currently amended). The method of Claim ~~1~~ 2, wherein said ~~condition~~ configuration information includes ~~information indicative of~~ a data processor setup parameter associated with said program.

10 (canceled).

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11 (currently amended). The method of Claim 1, wherein said providing step includes converting input information into said ~~condition~~ non-program information which is suitable for integration with the program in the executable file.

Claims 12 through 19 are canceled.

20 (currently amended). The method of Claim 1, further comprising:

providing universally unique identifiers for uniquely identifying each of a plurality of programs and their respectively corresponding ~~condition~~ non-program information; and

integrating the corresponding universally unique identifier into the executable file along with the program and the corresponding ~~condition~~ non-program information.

21 (currently amended). The method of Claim 1, wherein said providing step includes integrating a plurality of programs and ~~condition~~ non-program information corresponding to each of the plurality of programs into a single executable file.

22 (currently amended). The method of Claim 21, further comprising:

storing, in a file storage facility, a plurality of executable files, each of which includes a program and corresponding ~~condition~~ non-program information.

23 (currently amended). A data processing apparatus, comprising:

a first data processor;

a file storage facility coupled to said first data processor, said file storage facility including an executable file containing a program and non-program information ~~indicative of a condition needed~~ comprised of at least one platform requirement for execution of said program; and

wherein said first data processor is programmed to perform a sequence of operations comprising:

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obtaining said program and said ~~condition~~ non-program information from said file storage facility;

determining whether a second data processor satisfies the at least one platform requirement ~~condition information~~ for the obtained program; and

responsive to said second data processor satisfying the at least one platform requirement ~~condition information~~, downloading said program to said second data processor.

24 (currently amended). A data processing apparatus, comprising:

a first data processor;

a second data processor coupled to said first data processor; and

a file storage facility coupled to said first data processor, said file storage facility including an executable file containing a program and non-program information ~~indicative of a condition needed~~ comprised of at least one platform requirement for execution of said program; and

wherein said first data processor is programmed to perform a sequence of operations comprising:

obtaining said program and said ~~condition~~ non-program information from said file storage facility;

determining whether said second data processor satisfies the at least one platform requirement ~~condition information~~ for the obtained program; and

responsive to said second data processor satisfying the at least one platform requirement ~~condition information~~, downloading said obtained program to said second data processor.

25 (currently amended). The system of Claim 24, wherein the first and second data processors are provided on a single integrated circuit chip~~;~~.

26 (previously amended). The system of Claim 25, further comprising:

a man/machine interface coupled to said first data processor for permitting communication between said first data processor and a user.

27 (original). The system of Claim 26, wherein said man/machine interface includes at least one of a tactile interface and a visual interface.

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28 (original). The system of Claim 24, wherein said first data processor is a microprocessor and said second data processor is a digital signal processor.

29 (currently amended). The system of Claim 24, including a third data processor coupled to said first data processor;

and wherein the first data processor is also programmed to select one of the second and third data processors, using said ~~condition~~ non-program information.

30 (previously amended). The system of Claim 29, wherein the first, second, and third data processors provided on a single integrated circuit chip.

Claims 31 and 32 are canceled.

33 (currently amended). The system of Claim 24, wherein the non-program information further comprises configuration information;

and wherein said first data processor is also programmed to configure said second data processor using said ~~condition~~ configuration information.